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मानक

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IS 3994 (1993): Bowls, wash [MHD 14: Hospital Planning]



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भारतीय मानक  
घाव की धुलाई के लिए कटोरियाँ — विशिष्ट  
( दूसरा पुनरीक्षण )

*Indian Standard*  
BOWLS, WASH — SPECIFICATION  
( *Second Revision* )

UDC 15-478-7 : 642-77-2

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NEW DELHI 110002

## FOREWORD

This Indian Standard ( Second Revision ) was adopted by the Bureau of Indian Standards. after the draft finalized by the Hospital Equipment Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first revised in 1980. The second revision of this standard has been done on the basis of technological developments which have taken place since then. In addition to the other dimensions capacity has also been specified to maintain uniformity in the shape of the product. Minimum finished thickness has also been specified.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

# Indian Standard

## BOWLS, WASH — SPECIFICATION

### ( Second Revision )

#### 1 SCOPE

**1.1** This standard specifies the material, dimensions and other requirements of stainless steel, and aluminium wash bowls.

#### 2 REFERENCES

**2.1** The following Indian Standards are necessary adjuncts to this standard:

IS No.	Title
21 : 1975	Wrought aluminium and aluminium alloys for manufacture of utensils ( <i>third revision</i> )
2717 : 1979	Glossary of terms relating to vitreous enamelware and ceramic metal systems ( <i>first revision</i> )
5522 : 1992	Stainless steel sheets and strips for utensils ( <i>second revision</i> )
9040 : 1978	Methods for sampling of utensils

#### 3 TERMINOLOGY

**3.1** For the purpose of this standard, the definitions given in IS 2717 : 1979 shall apply.

#### 4 MATERIAL

##### 4.1 Stainless Steel

Stainless steel shall conform to Designation X04Cr18Ni11 or X07Cr18Ni9 of IS 5522 : 1992.

##### 4.2 Aluminium

Aluminium or aluminium alloy shall conform to IS 21 : 1975.

#### 5 SHAPE AND DIMENSIONS

##### 5.1 Shape

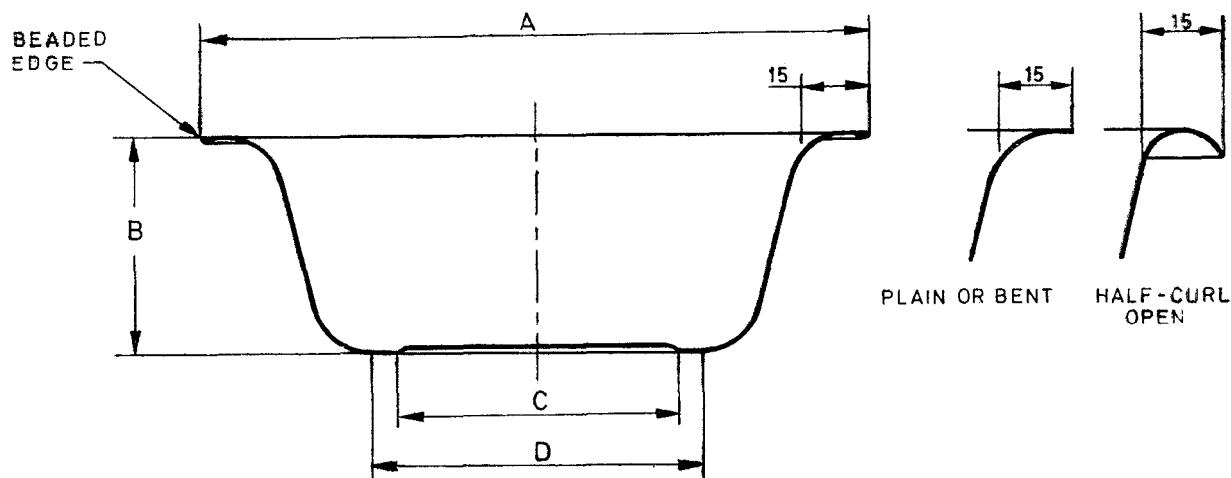
The shape of wash bowls shall generally conform to Fig. 1. The contour shall be such that the bowls of the same size when nested together do not get jammed.

**5.1.1** The shape of the rim of the wash bowl shall be as shown in Fig. 1.

##### 5.2 Dimensions

The dimensions of wash bowls shall be as given in Table 1 and Fig. 1 subject to the following tolerances:

Dimensions mm	Tolerance mm
Up to 50	$\pm 1$
51 to 100	$\pm 2$
101 to 200	$\pm 3$
201 and above	$\pm 5$



All dimensions in millimetres.

FIG. 1 WASH BOWL, TYPICAL

**Table 1 Dimensions of Wash Bowls**

( Clause 5.2 )

Top Diameter <b>A</b> mm (1)	Height <b>B</b> mm (2)	Base Diameter Nominal <b>C</b> mm (3)	Nominal Capacity <b>I</b> (4)	Minimum Finished Thickness	
				Stainless Steel mm (5)	Aluminium mm (6)
200	50	100	1.0	0.5	1.20
250	70	125	2.0	0.5	1.20
350	95	175	6.0	0.5	1.20

**5.2.1** Other dimensions may also be permitted if agreed to between the purchaser and the supplier.

**5.2.2** Shape and dimensions of the beading are optional and shall be as agreed to between the manufacturer and the purchaser.

## **6 MANUFACTURE, WORKMANSHIP AND FINISH**

**6.1** The wash bowls shall be so constructed that these shall not rock when placed on a level surface.

### **6.2 Stainless Steel Bowls**

The edge of the bowls may be beaded. The bowls shall be polished bright. These shall also be free from sharp or open edges, distortion, dents, wrinkles, wavy surface, burrs, scratches and pits.

### **6.3 Aluminium Bowls**

The edge of the bowls shall be beaded properly.

The finished bowls shall be free from distortions, cracks, dents, wrinkles, rocks, spills, scratches, pits and other surface defects.

## **7 MARKING**

**7.1** Each wash bowl shall be suitably marked at the bottom with the following:

- Indication of the source of manufacture.
- Registered trade-mark or identification mark, and
- Size of the bowl.

## **8 PACKING**

**8.1** Each wash bowl shall be packed in accordance with the best trade practices.

## **9 SAMPLING**

**9.1** The sampling of bowls shall be done in accordance with IS 9040 : 1978.

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#### Amendments Issued Since Publication

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